



00684.002745

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|---------------------------|---|-------------------------|
| In re Application of: |) | |
| | : | Examiner: L. Scott, Jr. |
| Naoto SANO, et al. |) | |
| | : | Group Art Unit: 2828 |
| Appln. No.: 09/163,402 |) | |
| | : | |
| Filed: September 30, 1998 |) | |
| | : | |
| For: GAS LASER DEVICE AND |) | |
| EXPOSURE APPARATUS USING | : | |
| THE SAME |) | October 6, 2004 |

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

REMARKS

Japanese Laid-Open Patent Application, Publication No. 03-295285 shows a gas laser device in which the number of revolutions of a turbo blower high-frequency motor is changed between a base discharge period and a maximum output period.

Japanese Laid-Open Patent Application, Publication Nos. JP 02-013769, JP02-069785, JP04-057077 and Japanese Utility Model Application No. 62-109634 and 64-015249 disclose a cooling system in which the number of revolutions of a revolving

member is slowed down or stopped during a stand-by state while taking into account the lifetime of the blower fan bearing.

Japanese Laid-Open Patent Application, Publication Nos. JP63-086587, JP02-294013 (U.S. Patent 5,383,217), and JP06-140695 (U.S. Patent 5,463,650) disclose exposure apparatus having an exposure state and a non-exposure state.

Japanese Laid-Open Patent Application, Publication Nos. JP62-281484 and JP62-026881 disclose a laser oscillation device having laser gas circulation means including a blower for cooling the laser gas.

Japanese Laid-Open Patent Application, Publication Nos. JP04-022181, JP03-046787 and JP03-070426 and Japanese Utility Model Application No. UM63-070081 disclose apparatus in which any abnormality of the number of revolutions of a blower or a fan is detected by use of detecting means to detect the number of revolutions of the blower or the fan to stop the operation of the blower or the fan.

FORMAL MATTERS

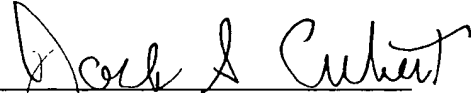
No fee is believed due; however, any fee required in connection with this paper should be charged to Deposit Account 06-1205. A duplicate of this paper is enclosed.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' attorney, Steven E. Warner, may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Jack S. Cubert", written over a horizontal line.

Attorney for Applicants
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|---|--|--|------------|--------------------------------------|-------|----------|---------------------------------------|
| FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Submitted: October 6, 2004 | | <div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; transform: rotate(-45deg); font-weight: bold;">O I P E</div> <div style="position: absolute; top: 0; right: 0; transform: rotate(45deg); font-weight: bold;">OFFICE</div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-weight: bold;">NOV 19 2004</div> </div> ATTORNEY DOCKET NO. 00684.002745 | | APPLICATION NO. 09/163,402 | | | |
| | | APPLICANT NAOTO SANO, ET AL. | | | | | |
| | | FILING DATE September 30, 1998 | | GROUP 2828 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 5,383,217 | 1/17/1995 | Uemura | 372 | 58 | |
| | | 5,463,650 | 10/31/1995 | Ito, et al. | 372 | 57 | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO/ OR ABSTRACT |
| | | 3-295285 | 12/26/1991 | Japan | | | Abstract |
| | | 2-13769 | 1/18/1990 | Japan | | | Abstract |
| | | 2-69785 | 3/08/1990 | Japan | | | Abstract |
| | | 4-57077 | 2/24/1992 | Japan | | | Abstract |
| | | 62-109634 | 5/20/1987 | Japan | | | Abstract |
| | | 64-15249 | 1/25/1989 | Japan | | | Abstract |
| | | 63-86587 | 4/16/1988 | Japan | | | Abstract |
| | | 2-294013 | 12/05/1990 | Japan | | | Abstract |
| | | 6-140695 | 5/20/1994 | Japan | | | Abstract |
| | | 62-281484 | 12/07/1987 | Japan | | | Abstract |
| | | 62-26881 | 2/04/1987 | Japan | | | Abstract |
| | | 4-22181 | 1/27/1992 | Japan | | | Abstract |
| | | 3-46787 | 2/28/1991 | Japan | | | Abstract |
| | | 3-70426 | 3/26/1991 | Japan | | | Abstract |
| | | 63-70081 | 5/11/1988 | Japan | | | Abstract |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | | Japanese Official Action (Notice of Reason for Rejection) dated June 18, 2002, plus excerpt English translation. | | | | | |
| | | Japanese Official Action (Decision of Rejection) dated October 1, 2002, plus excerpt English translation. | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.